

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
 690 Walnut Ave.St. 150
 Vallejo, CA 94592-1133
 (707) 649-5453
 (707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.12**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000436**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 06-Nov-2007**Location:** Changxing Island, Shanghai, China

Submittals(New / Total): **CWR's:** 0 / 28 **HSR's:** 0 / 10 **NCR's:** 0 / 11

Item	Title	Detail
1	Major component movement	<p>OBG Production:</p> <p>Fitting T-Stiffeners to OBG Bottom Plates, Drilling and cutting T-Stiffeners.</p> <p>77m Tower Mock-up: No welding observed.</p> <p>89m Tower Mock-up: Welding stiffener plates between diaphragms.</p> <p>114m Tower Mock-up: No welding observed.</p> <p>Deck Plate Mock-up: Milling and Beveling Closed-ribs.</p>
2	Meetings attended	<p>Caltrans met with ABF and ZPMC at 1300 to discuss issues and the schedule for the next three days.</p> <p>ZPMC stated they have UT tested 2 welds form their internal stiffener trial and requested ABF to release them to continue welding of Stiffener to Skin Plates for the Mock-up. ABF Fabrication Manager David Williams stated that they would like ZPMC to finish the next stiffener and ABF is still looking into possible issues using this technique in production. Mr. Williams requested to meet with ZPMC to discuss these issues.</p> <p>ZPMC discussed the UT procedure for the closed-rib to deck plate PJP welds. They stated they would have new samples to ABF toady by 3pm. ABF intends to send the samples to an outside vendor for cutting of EDM notches to use as calibration standards. ABF Level III Steve Lawton stated that the new calibration standards should eliminate many of the errors currently observed and should speed up development. The current calibration standards vary in amplitude throughout each individual sample.</p>

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ZPMC stated they have one plate for the OBG that has just arrived on Changxing Island that they would like to have approved. ABF is currently addressing issues with the fine grain size.

Caltrans asked about getting the cut sheets to provide material traceability. ZPMC stated that they would not give QA the cut sheets. ZPMC QC stated the cut sheets were controlled by their technology department and neither QC nor QA will be given copies. Caltrans asked ZPMC if they have some other internal method of traceability that QA could get. ZPMC did not know at this time.

3	Quality Assurance Inspectors per shift	4 Day Shift (Acuna, Brannon, Hernandez, McClendon)
		4 Swing Shift (Berger, Dixon, Franco, Smith)
		2 Graveyard Shift (Hasler, Jobes)

Inspected By:	McClary,David
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Quality Assurance Inspector

Reviewed By:	Lowry,Patrick
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QA Reviewer
